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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Steven M. Blumenau et al.  
Serial No: 09/107,618  
Confirmation No: 8313  
Filed: June 30, 1998  
For: METHOD AND APPARATUS FOR PROVIDING DATA  
MANAGEMENT FOR A STORAGE SYSTEM COUPLED  
TO A NETWORK

Examiner: Dinh, Dung C.  
Art Unit: 2153

**Certificate of Mailing Under 37 CFR 1.8(a)**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: Mail Stop Appeal Brief-Patents, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: June 22, 2007

*Patricia L. Marchetti*  
Patricia L. Marchetti

**RESPONSE TO NOTICE OF NON-COMPLIANT APPEAL BRIEF**

Mail Stop Appeal Brief-Patents  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

A Notification of Non-Compliant Appeal Brief (Notification) was mailed in connection with this application on May 22, 2007, which alleged that the brief failed to comply with the requirements of 37 C.F.R. 41.37(c)(1)(v) relating to providing a concise explanation of the subject matter defined in each of the independent claims on Appeal, and 37 C.F.R. 41.37(c)(1)(x) relating to a proceeding appendix containing copies of decisions rendered by a court or the Board. MPEP §1205.03 indicates that when the sole alleged defect is due to the failure to provide a summary of the claimed subject matter as required by 37 CFR 41.37(c)(1)(v), an entire new brief need not and should not be filed, but rather a paper providing a summary as required will suffice. While the Notification indicates a defect under 37 C.F.R. 41.37(c)(1)(x) in addition to a defect under 7 C.F.R. 41.37(c)(1)(v), MPEP §1205.03(A) indicates that a defect under 37 C.F.R. 41.37(c)(1)(x) is a minor issue of non-compliance that does not require a corrected brief.

Thus, Appellant believes that providing this paper instead of filing an entire new brief is the appropriate response to the Notification.

Therefore, the following “Summary of Claimed Subject Matter” is being submitted in response to the Notification of Non-Compliant Appeal Brief, and provides a summary as required by 37 CFR 41.37(c)(1)(v). In addition, Appellant asserts that there are no decisions rendered by a court or the Board in any proceedings identified pursuant to 37 CFR 41.37(c)(1)(v), and therefore the related proceedings appendix under 37 CFR 41.37(c)(1)(x) consists of the statement “NONE.”

### **SUMMARY OF CLAIMED SUBJECT MATTER**

#### **A) Independent Claim 1**

Claim 1 is directed to a data management method for managing access to a plurality of volumes of a storage system 20 by at least two devices 12, 14 coupled to the storage system through a network 21. The method comprises steps of receiving over the network 21 at the storage system 20 a request from one of the at least two devices for access to at least one of the plurality of volumes of the storage system (page 6, lines 15 and 16), the request identifying the at least one of the plurality of volumes in the storage system and a represented source of the request (FIG. 2; page 7, lines 3-23). The method further comprises steps of selectively servicing the request, at the storage system, based at least in part on steps of determining, from configuration data, whether the represented source is authorized to access the at least one of the plurality of volumes (FIG. 3; page 3, line 29 - page 4, line 3; page 7, lines 23-25; page 8 line 3 - page 10, line 4), and verifying that the represented source of the request is the one of the at least two devices that issued the request (FIG. 6; page 11, line 26 – page 12, line 3; page 12, line 4 - page 14, line 30).

#### **B) Independent Claim 15**



Claim 15 is directed to a computer readable medium comprising a first data structure 76 to manage accesses by a plurality of devices 12, 14, 16 to volumes of data at a storage system 20 over a communication network 21, the storage system managing access responsive to requests

that each identifies one of the plurality of volumes of the storage system to be accessed and one of the plurality of devices that is represented as having issued the request (FIG. 2; page 7, lines 3-23), the first data structure 76 comprising a plurality of records 76a-76n corresponding to the plurality of devices, the plurality of records comprising at least one record corresponding to one of the plurality of devices and including configuration information having at least one identifier that identifies which of the volumes of the storage system the one of the plurality of devices is authorized to access (page 9, lines 15-29), and authentication information that can be used by the storage system to determine whether the one of the plurality of devices that issued the request is the corresponding one of the plurality of devices (FIG. 6; page 11, line 26 – page 12, line 3; page 12, line 4 - page 14, line 30).

C) Independent Claim 21

Claim 21 is directed to a storage system 20 comprising at least one storage device 38 apportioned into a plurality of volumes, a configuration table 32 to store configuration data identifying which of a plurality of devices 12, 14, 16 coupled to the storage system via a network are authorized to access which of the plurality of volumes (FIG. 3; page 3, line 29 - page 4, line 3; page 7, lines 23-25; page 8 line 3-page 10, line 4), and a filter 34, responsive to the configuration data, to selectively forward to the at least one storage device requests for access to the plurality of volumes received from the plurality of devices over the network (page 9, line 30 – page 10, line 28), wherein each request identifies at least one of the plurality of devices that is represented to the storage system as having issued the request (FIG. 2; page 7, lines 3-23), and wherein the filter 34 is adapted to verify that the at least one of the plurality of devices 12, 14, 16 identified in the request is the device that issued the request (FIG. 6; page 11, line 26 – page 12, line 3; page 12, line 4 - page 14, line 30).

Respectfully submitted,  
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